



DOCKET NO.: ISIS-4943

PATENT

TFW 1635

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Phillip Dan Cook and Andrew Kawasaki

Confirmation No.: 3783

Application No.: 09/996,263

Group Art Unit: 1635

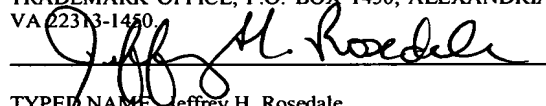
Filing Date: November 28, 2001

Examiner: James Schultz

For: SUGAR MODIFIED OLIGONUCLEOTIDES

DATE OF DEPOSIT: May 23, 2006

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

  
TYPED NAME: Jeffrey H. Rosedale  
REGISTRATION NO.: 46,018

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of



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the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☒ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith, except for reference number 255 which was previously submitted as reference number AN with the Information Disclosure Statement filed on February 19, 2002.

☐ Copies of reference numbers - on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).

☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for

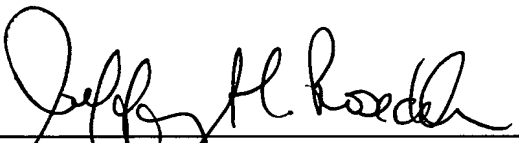
which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

☐ The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: May 23, 2006

  
\_\_\_\_\_  
Jeffrey H. Rosedale  
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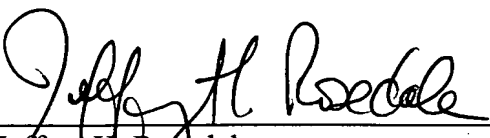
Dear Sir:

CERTIFICATION UNDER 37 CFR § 1.97(e)

In accordance with 37 CFR § 1.97(e), certification is hereby made that:

- ☐ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.
- ☒ No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Date: May 23, 2006

  
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<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. ISIS-4943	Application No. 09/996,263
	Applicant Phillip Dan Cook and Andrew Kawasaki	
	Filing Date November 28, 2001	Group 1635
	Confirmation No. 3783	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	<b>254</b>	Fukui, T., et al., "Polynucleotides. XLV <sup>1)</sup> Synthesis and properties of poly(2'-azido-2'-deoxynucleosinic acid)," <i>Nucleic Acids Res.</i> , <b>1977</b> , 4(8), 2629-2639
*	<b>255</b>	Ohtsuka, E., et al., "Recognition by restriction endonuclease EcoRI of deoxyoctanucleotides containing modified sugar moieties," <i>Eur. J. Biochem.</i> , <b>1984</b> , 139(3), 447-450
	<b>256</b>	Zmudzka, et al., "Role of the 2'-hydroxyl in polynucleotide conformation: poly 2'-O-methyluridylic acid," <i>Acta Biochim Pol.</i> , <b>1971</b> , 18(3), 321-337

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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\*This reference was originally cited as Ikehara et al. (Reference "AN") in the Information Disclosure Statement filed on February 19, 2002.